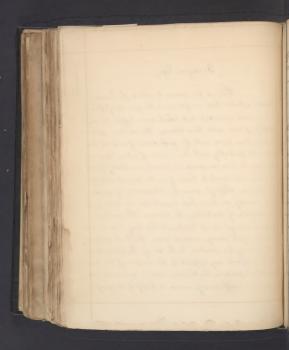
350 Market Inaugural Epay on Paped March 19 1828 Tetanus By Gillent Heston of Pennsylvania



Trangural Epay

There are few diseases to which the human frame is leable that are found in the generality of instimes more intractable and which have baffled the ing unnity of man more than tetamus, The existence appears I have been weval with the first down of medical scien me and probably with the creation of man. For many untinies it was considered as almost inevitably fatal, no have we much to boast of in the present state of on science, although since the introduction of opium as a remedy we have had a medicine in some measure capable of combatting the disease. The want of uniform success in its treatment has long been a subjust of regret among medical men. Dr. Hush observes that it may be ascribed to the use of the same remedies, without any respect to the nature of the cau-In which produce the disease, and to an undue relsome whom some remedy, under a belief of its specific

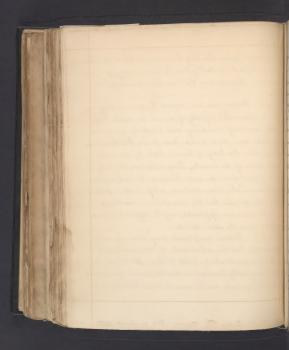


efficient. Minim has long been considered as its autiacts, without recollecting that it was one only, of a great number of medicines. That are all alike useful in

Tetanus has been defined by most authors to be a ofersmodic rigidity of almost the whole body; with sewellishing remaining and sewellims increased. It has been divided onto these opicies Via Spirithetams, when the heady is those on back by sparmodic untaction of the muscles, Emperature to, she heady hing bent forwards, and Trismus, the broked journ hims three climiness weeks and mympaper; it is spinished that the several terms mentioned cancer, and who spinish these divisions and proposed it is spinished to a population of the different degrees of one and the same disease.

Totand complaints may receive in every climate; but the inhabitants of reason climates as more particularly liable to them; the disease is most frequently preduced in the hot mouths of summer Abbun they receive in the more northern chimatis it is

generally in a much milder form. This disease is To be met with in all ages, sexes, temperaments, and complexions. The causes, says bullen, from whene they commonly proceed, are cold and moistive applied to the body while it is very warm, and especially the sudan vicifoitudes of heat and cold. But generally the disease is produced by punctions laconations, or other boions of the nerves in any of the body; in warm climates Lines observes that tetanus not infrequently follows capital operations, as amputation be, execuding to ballen there are, probably, some other causes of this complaint; but they are neither distinctly known, nor well ascertained. Though as before stated, the disease may attack all, distinctions of persons ; but it most generally applied those of the middle uze, the male sex more frequently their the female, and the robust and vigorous more frequently them the weak and delicate, An idea is extertained by many, It. Thomas observes, that nigroes are more meetisposed to attacks of tetanus than white people;



they certainly one more prequently effected with it, but this circumstance does not arise from any constitutions but from their being more expense to furnitions and corando in the feet from canally gives barefeeted. Telanus is not confined to the human and species. It not engregately attaches houses in the band Indian and other warm climates, he have not the word cause of the disease in houses. It has likewise human of the appear in the form of lifetithe trues in a prize on, brought on by a wound in one fit to appear in the form of lifetithe trues in a prize on, brought on by a wound in one fit to coings.

This disease simelimes time on suddenly to a violent degree, but more frequently it appearance by slew steppes of its more violent facts. In the latter case the symptoms of its approach are a stifferoff in the lower extremeties, some followed by the same some action in the back of the mech, which slewby inversaring, renders the slightest motion of the head extremely difficult and painful the this rigwill increase, there is commonly a sense of unear



wife felt whent the rest of the trance, by other with sme difficulty of smallowing and a great westings is complained of about the chest, with a pain at the lower extremety of the durane, wheeting in a the back, of sliffings likewise som begins to take place in the jaws, which speedly augments to such a degwe. Mat He leeth become so closely und firmly sel loguther as not to admit of the smallest opening. This is what is commenty called the tochet jaco. Of this period of the disease, the pair at the ext unity of the stumum returns very frequently; The spasmes of the back of the neck are also renewed with great violence and Jeain. OHo The disease advances, a greater number of muscles become affected, with speasures. The must be of the spine me often violently affected, so so to draw the truwh of the body very forcially hackenains. I every the greater freed of the continuence of the disease, the abdominal muscles we aftered with nietent spanne, so that the bette is she ofy web-



and could per countingly was a set juguesty shift on continued presently with the collection fractions on both the collection and and person of the inferior or homelies has terminally affection as he was the books regularly witness.

In from each extense mercels of the head not be to be a seemed transple of up official were busmen until other in their action happing the head, so guilly orthodold could also upper on to merce it incompatto of leany mound in any direction. The arms which was larger likewish sufficient haven stoff and otherwish we then to get likewish sufficient from the facts and looky amount when described out of the manch, is often in all anyony to ather. It is to this state of the disease that the term tetiums has been strictly applied.

As the wienter on times to admin of the year of reluntary mestion become affected, the eyes you fine was income when is their so held the material was to be in the sound that the sound the sound that the sound the sound of the sound that the sound that the sound the sound that the sound tha



must extreme distress, the others th at last becomes exhusbed He pulse i equitor, and a conversal spare but a period to a mick musuable I ale of wistener. The other white speak of this this was , he' . me withour companied with fever . Ather so it is great the Lawren weather a different ipinion . In baldwell vegs he does not weekend on I have some to come of the particular Is out'el over fat . . behile wition, will the commerce out of the disease the pulse is oftentioned full juguent, truse to it ing. Blend down at his time throws who a contag of conjulable I, in you the disease is prejugate, were specied by winterst plane. Hough semetimes the fatist complains of me Last, it sporms are not a stead, but the the real of some weights in their or cartier, tal this remisers is presently of me . . . here of len a fifteen minutes duration, especially if the pretient water the least offert to speak, swallow way liquele, a atte his position in bed.



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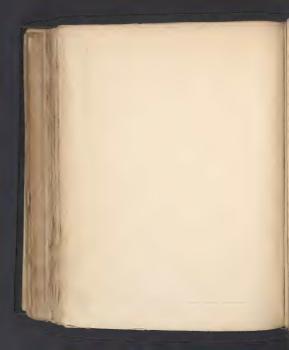
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alleviation of the symptoms, In This oneadful state the Letter wall an incision about half in inh deek, and an inch and a half in length, imme ideally above the cication, in a transverse directin, and then framed strong spirits of temperation wh the wounds. In a few minutes violent pain was created in the pert; in half on how the forms left the jun; and in a few laws more the instity meting received. The pain in the warnot became exceptione, and continued so for four I fine faces; but the trismes was completily instead, son did it of towners wem. Little or we suffered tien casuell. the ween healing by the fish intention, or atterine inflummation There is publis is remorely which has been confiloged with just sweets in this lieuxe than spien used saternally; it smould he given in doses graduated we weling to the co-I very of the case. Der baldwell says as fin as the experience of the physicians of Philadelphia



mables him to speak, opium, wire, and meaning, appear to be the only remelled on which any voll. were can be placed in the heatment of tellines. of Har, He two former retard the progress of the history newserting whom tion and weath, from the ristance of the spasses until the latter has had line I eradicate it entirely, by converting the tetanic into the mercureal action. Opium and wine, being in the's natures, rather patientine then ourwhere remedies, are insufficient of themselves, without recovery; while, without their wint, me may is too slow in its ofrecation to accept the refice much of the disease. Some of the most celch. Well sinceons of the foresent they how a place implicit empideores in finan most make we of no other remedy. It has dice : Di, Phys to , action higher authority cannot be cited - to give opium in injections, in doses of from five to eight grains, frequently represented, until the



your in receiver, and a upon interest, but ing in the members. It is fresh parts of the long temps weathers of in second automate.

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thistories in great us. Then, hong run while I never the importance be come on the present of much it was the present it is never to present it is given true to be present it is given true or the present it is given true to the present it is a greatly a greatly consistent of course to make the present to a started in the particular after competition. The recent traded in this can, into our dist. until be cause in a critable a starte to the cause in a critable a starte to the cause in a critable.



In those who had him evented, the success was quater; two only having been lost and of a quatnumber since this most of practice ever commenced

That this mode of presention is not proper in the West Indias I shall not pretend to say,
but certainly it would not be considered the most
judicious practice in this executing to excite a petgalim in every case of presentined wounds, it after
umputation, Tunderstand it is almost a universet practice on beand ships of war. To may time
the practice on beand ships of war. To may time
time of specim with the streptings, and that since
the practice has been adopted, the complaints
until me rice has been adopted. I should be
auch included to profer it to that proposed by
the black.

Disections of fusions dying of this disease have east but little light expon it, olight offers within the counting have been observed in a few instances; but in by for the greate sumber nothing pacticular has been directled either

in the bracin or any other organ. In some instance is havenum the black is not feared to coagulate, but fleid who metafes as in fearons hilled by lightening, appearing to indicate that the while muse-cutar films of the general spasmodic action. The newest have also then cameined after death, from the place of infany to their central termination, but we inflammed my to their central termination, but we inflammed the suffer sixten the suffersition therefore that an inflammed never is the cause of the disease is implained never is the

